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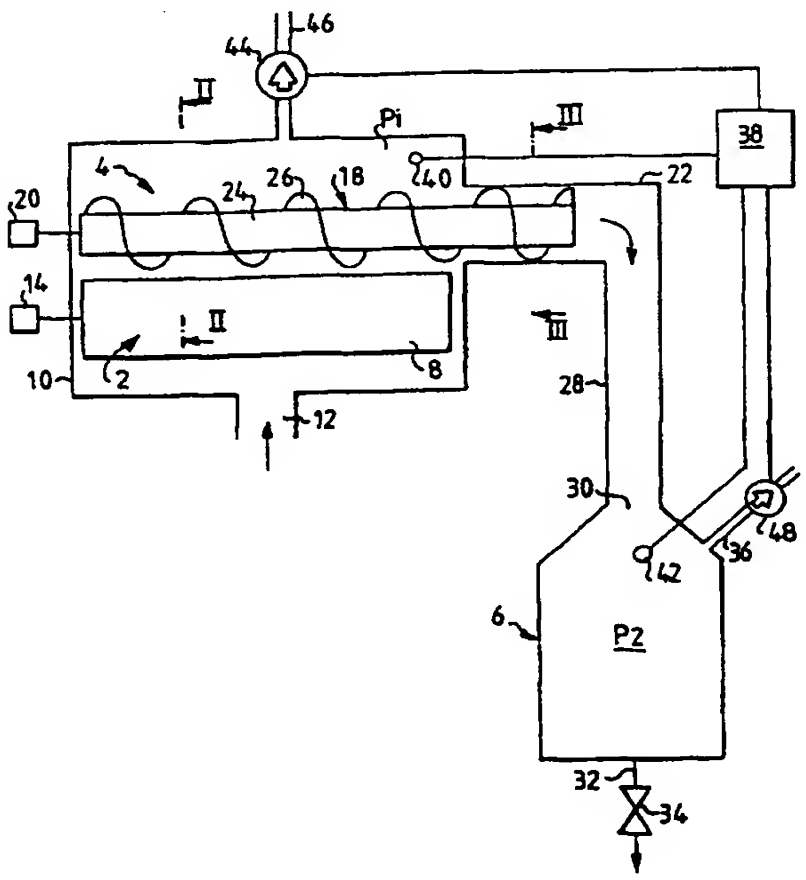
(54) Title: METHOD AND SYSTEM FOR CONVEYING SHREDDED PULP TO AN OZONE REACTOR



(57) Abstract: A system for treatment of pulp comprises a dewatering device (2) for dewatering the pulp to a fibre concentration of at least 20 %, a reaction vessel (6) for bleaching the dewatered pulp through reaction with ozone gas and a pulp shredding device (4) for shredding the dewatered pulp before the latter is supplied to the reaction vessel. The pulp shredding device has a closed pulp shredding vessel (16), an outlet pipe (22) and a transport means (18) for continuous transport of the shredded pulp without compression out of the pulp shredding vessel via the outlet pipe, so that the latter kept filled with passing pulp. A conduit (28) gas sealed from the surroundings connects the outlet pipe (22) gas-tightly to the reaction vessel (6). A pressure regulation device (38, 40, 42, 44, 48) maintains a gas pressure (P1) in the pulp shredding vessel which is higher than the gas pressure (P2) in the reaction vessel.

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